

ABSTRACT OF THE DISCLOSURE

A direct-light illuminating backlight unit with a reflective structure for a liquid crystal display has a case with a back, at least one lamp mounted in alignment with the back, a reflective layer formed on the back and facing the lamp. The case has a front opening that has at least one brighter region immediately in front of the lamp and at least one dimmer region away from the lamp. The reflective layer is composed of multiple reflective protrusions each has two inclined faces. Each inclined face projects light radiated backward from the lamp onto the dimmer region. Therefore, light emit from the illuminating backlight unit has a homogenous brightness.